

**REMARKS**

Claims 1-29 were pending in this application. By this Amendment, claim 25 has been amended, and claims 30-43 have been added. Accordingly, claims 1-43 remain pending in this application.

Claim 25 has been amended to identify "xt(m,n)" as the inverse transformed signal instead of the linear inverse transform.

Support for the claims, including the claim amendments, exists, for example, in Figures 2-7 of the Letters Patent and in column 4, line 22 – column 14, line 67 of the specification, which depict and discuss exemplary embodiments of apparatuses for carrying out forward and inverse transforms.

The amendment of claim 25 was made to correct a labeling error and not made to comply with 35 U.S.C. §§ 101, 102, 103 and 112. Further, the new claims have been added to more fully cover the claimed invention and not to address any rejection under 35 U.S.C. §§ 101, 102, 103 or 112.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

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